

Docket No. 036179/US/2 – 475387-00030

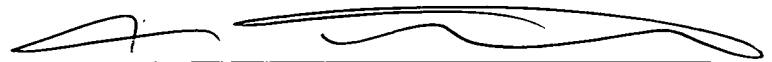
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Seok-Hyun Yun	Examiner:	To be assigned
Appln. No.:	10/577,562	Group Art Unit:	2859
Filed:	April 27, 2006		
Title:	METHOD AND APPARATUS FOR PERFORMING OPTICAL IMAGING USING FREQUENCY-DOMAIN INTERFEROMETRY		

REQUEST FOR CORRECTION
OF FILING RECEIPT

Commissioner for Patents
P.O. Box 1450
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I hereby certify that this document is being deposited with the United States Postal Service addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 8th day of August 2006.


(Signature)

Sir:


Applicant hereby requests correction in the Filing Receipt. The inventor's last name was not included. In particular, the name of the inventor's last name should be identified as BRETT EUGENE **BOUMA** and not "BRETT EUGENE". In addition, under the Foreign Application category, nothing should be listed, and Domestic Priority data category should be the application number as "60/514,769" (incorrectly provided in the "Foreign Application" category) not 60514789.

Enclosed herewith is the executed declaration and the first page of International Publication No. WO 2005/047813. Also enclosed is the marked-up filing receipt.

Please forward a corrected filing receipt to reflect the last name of the inventor and the correct priority application number to the undersigned as soon as possible.

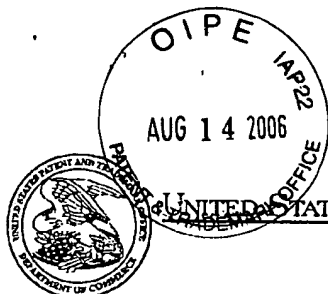
Respectfully submitted,

Date: August 8, 2006

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Enclosures

4827-7678-3361\1



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/577,562	04/27/2006	2859	6850	036179US247538700030	20	95	14

30873
 DORSEY & WHITNEY LLP
 INTELLECTUAL PROPERTY DEPARTMENT
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 NEW YORK, NY 10177

Patent Mail Received

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CONFIRMATION NO. 3634

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OC000000019752681

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Power of Attorney: The patent practitioners associated with Customer Number 30873.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US04/29148 09/08/2004

Foreign Applications

UNITED STATES OF AMERICA 60514789 10/27/2003

If Required, Foreign Filing License Granted: 07/25/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/577,562**

Projected Publication Date: 11/02/2006

Non-Publication Request: No

Early Publication Request: No

Title

Method and apparatus for performing optical imaging using frequency-domain interferometry

Preliminary Class

033

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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047813 A1

(51) International Patent Classification⁷: **G01B 9/02,**
A61B 5/00

(21) International Application Number:
PCT/US2004/029148

(22) International Filing Date:
8 September 2004 (08.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/514,769 27 October 2003 (27.10.2003) US

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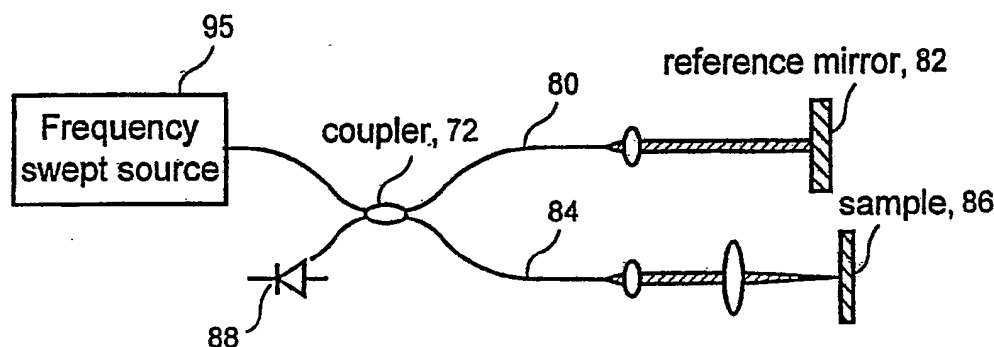
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PERFORMING OPTICAL IMAGING USING FREQUENCY-DOMAIN INTERFEROMETRY



(57) Abstract: An apparatus and method are provided. In particular, at least one first electro-magnetic radiation may be provided to a sample and at least one second electro-magnetic radiation can be provided to a non-reflective reference. A frequency of the first and/or second radiations varies over time. An interference is detected between at least one third radiation associated with the first radiation and at least one fourth radiation associated with the second radiation. Alternatively, the first electro-magnetic radiation and/or second electro-magnetic radiation have a spectrum which changes over time. The spectrum may contain multiple frequencies at a particular time. In addition, it is possible to detect the interference signal between the third radiation and the fourth radiation in a first polarization state. Further, it may be preferable to detect a further interference signal between the third and fourth radiations in a second polarization state which is different from the first polarization state. The first and/or second electro-magnetic radiations may have a spectrum whose mean frequency changes substantially continuously over time at a tuning speed that is greater than 100 Tera Hertz per millisecond.

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